# **2019 Channel Summary Report**

# **Overall Unit and Item Ratings**

# **Fairfield Suisun Sewer District**

#### **Laurel Creek**

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	М
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments & Other Structural Appurtenances	Α
	Encroachments	Α

# **Ledgewood Creek**

Overall Unit Rating	Rated Item	Item Rating		
A	Vegetation & Obstructions	Α		
	Α			
	Erosion / Bank Caving	Α		
	Revetments & Other Structural Appurtenances			
	Encroachments	Α		

# **McCoy Creek**

Overall Unit Rating	Rated Item	Item Rating		
A	Vegetation & Obstructions	М		
	Shoaling / Sedimentation			
	Erosion / Bank Caving			
	Revetments & Other Structural Appurtenances			
	Encroachments	Α		

#### **Union Avenue Diversion**

Overall Unit Rating	Rated Item	Item Rating
Α	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments & Other Structural Appurtenances	Α
	Encroachments	Α

Flood Control Project Maintenance

# **Unit Cover Sheet**

# 2019 Channel Inspection Results

# **Fairfield Suisun Sewer District**

Ch	annel
Laur	el Creek

Channel Rating	Α
Date of Inspection	8/16/2019
DWR Inspector	Zach Jojola
Accompanied By	

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Cement Hill Rd / Up Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.279793 ° Category Rivers, Channels & Designated Flood -122.018267 ° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_15\_c \_ 2012\_1 Action/Comments

Inspector Comments: Minimal scattered vegetation. The flow is not impeded.





View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No.	2	GPS Lat/Long	
Issue Type +	Ma	Location *		38.279936°	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	WR ID DWR_NA0035_15_c _ 2012_2				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	3	GPS Lat/Long	
Issue Type +	Ма	Location *		38.279937 °	
Category	Rivers, Channels & Designated Flood			-122.018353 °	
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0035_15_c _ 2012_3				
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

N: Not Inspected/Rated Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View

#### Cement Hill Rd / Up (cont)

Rating **	Α	Issue No.	4	GPS Lat/Long	
Issue Type +	Ma	Location *		38.279936°	
Category	Rivers, Channels & Designated Flood			-122.018354°	
Item	Revetments				
DWR ID	DWR_NA0035_15_c _ 2012_4				

#### Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Photo 1 of 1: CH\_2019\_NA0035\_15\_4\_20190801\_00006.jpg



View of revetment on right bank, looking upstream. Summer 2017.

Rating **	Α	Issue No.	5	GPS Lat/Long	
Issue Type +	Ma	Location *		38.279793 °	
Category	Rivers, Channels & Designated Flood			-122.018267 °	
Item	Encroachments				
DWR ID	DWR_NA0035_15_c _ 2012_5				

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

Rating **	Α	Issue No.	92	GPS Lat/Long
Issue Type +	Ма	Location *		38.279793 °
Category	Rivers, Ch	annels & D	esignated Flood	-122.018267 °
Item	Concrete S	Surfaces		·
DWR ID	DWR_NA00	35_15_c _ 20	017_92	
		Action/Cor	mments	

Inspector Comments: Concrete surface appears to be in good condition with no visible deficiencies.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_92\_20190801\_00084.jpg



View of concrete surface, looking downstream at Cement Hill Road bridge. Summer 2017.

\* Location LS: Land Side WS: Water Side CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0035

#### Flood Control Project Maintenance Levee Inspections

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Cement Hill Rd / Up (cont)

Rating **	Α	Issue No. 91		GPS Lat/Long
Issue Type +	Ма	Location *		38.279793 °
Category	Rivers, Channels & Designated Flood			-122.018267 °
Item	Gates			
DWR ID	DWR_NA00	35_15_c _ 20	016_91	

#### Action/Comments

Inspector Comments: Minimal debris is present, however nothing appears to obstruct the function of the gate.

#### Photo 1 of 1 : CH\_2019\_NA0035\_15\_91\_20190801\_00082.jpg



View of the gate located on the upstream side on the left bank of the channel. Summer 2018.

# Check Point / View Cement Hill Rd / Down

Rating **	М	Issue No.	6	GPS Lat/Long
Issue Type +	Ма	Location *		38.279937 °
Category	Rivers, Ch	annels & D	-122.018353 °	
Item	Vegetation	& Obstruc	tions	
DWR ID	DWR_NA00	35_15_c _ 20	012_6	
		A .: (O		

#### Action/Comments

Inspector Comments: Vegetation should be cleared from the channel.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_6\_20190819\_00102.jpg



View of the channel looking downstream. Summer 2019.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# **Levee Inspection Report By Mile - Channel 2019**

#### **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Cement Hill Rd / Down (cont)

		•			
Rating **	Α	Issue No.	7	GPS Lat/Long	
Issue Type +	Ма	Location *		38.279937	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.018353	0
Item	Shoaling /	Sedimenta	tion		
DWR ID	DWR_NA00	35_15_c _ 2	012_7		
		Action/Cor	mments		

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	8	GPS Lat/Long
Issue Type +	Ма	Location *		38.279937 °
Category	Rivers, Ch	annels & D	-122.018353 °	
Item	Erosion / E	Bank Caving	]	·
DWR ID	DWR_NA00	35_15_c _ 20	012_8	

Action/Comments

Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	9	GPS Lat/Long	
Issue Type +	Ма	Location *		38.279937	0
Category	Rivers, Ch	annels & D	-122.018354	0	
Item	Revetment	S			
DWR ID	DWR_NA00	35_15_c _ 2	012_9		
		Action/Cor	nments		

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

# Photo 1 of 1: CH\_2019\_NA0035\_15\_9\_20190801\_00012.jpg

No Photos



View of revetment on the right bank looking downstream towards Pilot Channel. Summer 2017.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Cement Hill Rd / Down (cont)

Rating **	А	Issue No.	10	GPS Lat/Long
Issue Type +	Ма	Location *		38.279793 °
Category	Rivers, Ch	annels & D	-122.018267°	
Item	Encroachn	nents		·
DWR ID	DWR_NA00	35_15_c _ 2	012_10	

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

Rating **	А	Issue No.	93	GPS Lat/Long
Issue Type +	Ма	Location *		38.279793 °
Category	Rivers, Ch	annels & D	-122.018267 °	
Item	Concrete S	Surfaces		·
DWR ID	DWR_NA00	35_15_c _ 20	017_93	

#### Action/Comments

Inspector Comments: Concrete surface appears to be in good condition with no visible deficiencies. Recommend removing vegetation.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_93\_20190801\_00086.jpg



View of concrete surface looking upstream towards Cement Hill bridge. Summer 2017.

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Air Base Parkway / Up Rating \*\* Issue No. 11 GPS Lat/Long Issue Type + Location \* Ma 38.272625 ° Category Rivers, Channels & Designated Flood -122.015993 ° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_15\_c \_ 2012\_11 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_11\_20190819\_00101.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No.	12	GPS Lat/Long		
Issue Type +	Ma	Location *		38.272632 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.0161				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR ID DWR_NA0035_15_c _ 2012_12					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	13	GPS Lat/Long	
Issue Type +	Ма	Location *		38.272632 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / E	Bank Caving	]		
DWR ID	DWR_NA00	35_15_c _ 20	012_13		
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Air Base Parkway / Up (cont) Rating \*\* A Issue No. 14 GPS Lat/Long Issue Type + Ma Location \* 38.272632 ° Category Rivers, Channels & Designated Flood -122.016112 °

Revetments

Item

DWR ID

DWR\_NA0035\_15\_c \_ 2012\_14

Action/Comments

Check Point / View

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Photo 1 of 1 : CH\_2019\_NA0035\_15\_14\_20190801\_00017.jpg



View of revetment on left bank, looking upstream. Summer 2017.

Rating **	A	Issue No.	15	GPS Lat/Long
Issue Type +	Ma	Location *		38.272625 °
Category	Rivers, Ch	annels & D	-122.015993 °	
Item	Encroachn	nents		
DWR ID	DWR_NA00	35_15_c _ 2	012_15	

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Air Base Parkway / Down Rating \*\* Issue No. 16 GPS Lat/Long Issue Type + Location \* Ma 38.272633 ° Category Rivers, Channels & Designated Flood -122.016110 ° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_15\_c \_ 2012\_16 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1 : CH\_2019\_NA0035\_15\_16\_20190819\_00100.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	17	GPS Lat/Long	
Issue Type +	Ma	Location *		38.272631 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	VR ID DWR_NA0035_15_c _ 2012_17				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	18	GPS Lat/Long
Issue Type +	Ма	Location *		38.272632 °
Category	Rivers, Ch	annels & D	esignated Flood	-122.016109°
Item Erosion / Bank Caving				·
DWR ID	DWR_NA0035_15_c _ 2012_18			
Action/Comments				

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

#### **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Air Base Parkway / Down (cont)

Rating **	A	Issue No.	19	GPS Lat/Long
Issue Type +	Ma	Location *		38.272631 °
Category	Rivers, Ch	annels & D	-122.016109°	
Item	Revetment	ts		
DWR ID	DWR_NA00	35_15_c _ 2	012_19	

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	Α	Issue No.	20	GPS Lat/Long
Issue Type +	Ma	Location *		38.272625 °
Category	Rivers, Ch	annels & D	esignated Flood	-122.015993 °
Item	em Encroachments			
DWR ID	DWR_NA00	35_15_c _ 2	012_20	
Action/Comments				

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

# Check Point / View

#### Meadowlark Dr / Up

Rating **	Α	Issue No.	21	GPS Lat/Long	
Issue Type +	Ma	Location *		38.268244	0
Category	Rivers, Ch	annels & Designated Flood		-122.017216	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_15_c _ 2	012_21		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_21\_20190819\_00099.jpg



View of the channel looking upstream. Summer 2019.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Meadowlark Dr / Up (cont) Rating \* Issue No. 22 GPS Lat/Long Issue Type + Location \* Ma 38.268244° Category Rivers, Channels & Designated Flood -122.017216 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_15\_c \_ 2012\_22 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	Issue No. 23		GPS Lat/Long
Issue Type +	Ma	Location *		38.268245 °
Category	Rivers, Ch	annels & D	-122.017216 °	
Item Erosion / Bank Caving				
DWR ID	DWR_NA00	35_15_c _ 2	012_23	
Action/Comments				

Inspector Comments: No erosion encroaching into the channel.

No Photos

No Photos

Rating **	Α	Issue No.	24	GPS Lat/Long	
Issue Type +	Ма	Location *		38.268245	٥
Category	Rivers, Ch	annels & D	esignated Flood	-122.017216	٥
Item	Revetment	S			
DWR ID	DWR_NA00	35_15_c _ 2	012_24		
		Action/Cor	mments		

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

Page 10 of 31

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Meadowlark Dr / Up (cont)

Rating **	А	Issue No. 25		GPS Lat/Long		
Issue Type +	Ma	Location *		Location *		38.268240 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	nents				
DWR ID	DWR_NA00	35_15_c _ 2	012_25			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

#### No Photos

# Check Point / View Meadowlark Dr / Down

Rating **	Α	Issue No.	26	GPS Lat/Long	
Issue Type +	Ма	Location *		38.268245	۰
Category	Rivers, Ch	annels & Designated Flood		-122.017216	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_15_c _ 20	012_26		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_26\_20190819\_00098.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	27	GPS Lat/Long	
Issue Type +	Ма	Location *		38.268245	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.017216	0
Item	Shoaling /	Sedimenta	tion		
DWR ID	DWR_NA00	35_15_c _ 2	012_27		
		Action/Cor	mments		

Inspector Comments: No shoaling or sedimentation present.

No Photos

# + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Meadowlark Dr / Down (cont)

Rating **	Α	Issue No.	28	GPS Lat/Long
Issue Type +	Ма	Location *		38.268245 °
Category	Rivers, Ch	annels & D	-122.017216°	
Item	Erosion / E	Bank Caving	]	
DWR ID	DWR_NA00	35_15_c _ 20	012_28	

Inspector Comments: No erosion encroaching into the channel.

Action/Comments

No Photos

Rating \*\* Issue No. Α 29 GPS Lat/Long Issue Type + Ma Location \* 38.268245 ° Category Rivers, Channels & Designated Flood -122.017216 ° Item Revetments DWR\_NA0035\_15\_c \_ 2012\_29 DWR ID

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

Rating \*\* Issue No. Α 30 GPS Lat/Long Issue Type + Location \* Ma 38.268240 Category Rivers, Channels & Designated Flood -122.017115° Item Encroachments DWR ID DWR\_NA0035\_15\_c \_ 2012\_30 Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### 

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

DWR\_NA0035\_15\_c \_ 2012\_31

DWR ID

#### Photo 1 of 1 : CH\_2019\_NA0035\_15\_31\_20190819\_00097.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No. 32		A Issue No. 32		GPS Lat/Long
Issue Type +	Ma	Location *		38.265401 °		
Category	Rivers, Ch	annels & D	-122.018316°			
Item	Item Shoaling / Sedimentation					
DWR ID DWR_NA0035_15_c _ 2012_32						
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No. 33		A Issue No. 33		GPS Lat/Long
Issue Type +	Ма	Location *		38.265401 °		
Category	Rivers, Ch	annels & D	-122.018316°			
Item Erosion / Bank Caving						
DWR ID	DWR_NA00	35_15_c _ 2	012_33			
Action/Comments						

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

#### **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View East Tabor Ave / Up (cont)

DWR ID

Rating **	Α	Issue No.	34	GPS Lat/Long	
Issue Type +	Ma	Location *		38.265401	
Category	Rivers, Channels & Designated Flood			-122.018316	
Item	Revetment	c			

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

DWR\_NA0035\_15\_c \_ 2012\_34

Rating **	A Issue No. 35		GPS Lat/Long		
Issue Type +	Ма	Location *		38.265262 °	
Category	Rivers, Ch	annels & D	esignated Flood	-122.018443 °	
Item	Encroachm	nents			
DWR ID DWR_NA0035_15_c _ 2012_35					
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

#### Check Point / View

#### **East Tabor Ave / Down**

Rating **	Α	Issue No.	36	GPS Lat/Long	
Issue Type +	Ma	Location *		38.265401	0
Category	Rivers, Channels & Designated Flood			-122.018316	0
Item	Vegetation	/egetation & Obstructions			
DWR ID	DWR_NA00	35_15_c _ 20	012_36		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_36\_20190819\_00096.jpg



View of the channel facing downstream. Summer 2019.

Location LS: Land Side WS: Water Side

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

+ Issue Type

Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View East Tabor Ave / Down (cont)

Rating **	A	Issue No. 37		GPS Lat/Long	
Issue Type +	Ма	Location *		38.265401 °	
Category	Rivers, Ch	-122.018316 °			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0035_15_c _ 2012_37				
Item	Shoaling /	Sedimenta	tion	-122.0163	

Action/Comments
Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No. 38		GPS Lat/Long	
Issue Type +	Ma	Location *		38.265401 °	
Category	Rivers, Ch	-122.018316 °			
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA0035_15_c _ 2012_38				

Action/Comments

Inspector Comments: No erosion encroaching into the channel.

No Photos

Rating **	A Issue No. 39		GPS Lat/Long			
Issue Type +	Ма	Location *		38.265401	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Revetment	evetments				
DWR ID DWR_NA0035_15_c _ 2012_39						
Action/Comments						

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Photo 1 of 1 : CH\_2019\_NA0035\_15\_39\_20190801\_00038.jpg



View of revetment on left bank, looking downstream. Summer 2017.

\* Location LS : Land Side WS : Water Side CR : Crown \* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

#### **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View East Tabor Ave / Down (cont)

Rating **	А	Issue No.	40	GPS Lat/Long		
Issue Type +	Ма	Location *		38.265262	0	
Category	Rivers, Channels & Designated Flood			-122.018443	0	
Item	Encroachn	Encroachments				
DWR ID	R ID DWR_NA0035_15_c _ 2012_40					

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Matthew Rd / Up

	- P						
Rating **	Α	Issue No.	41	GPS Lat/Long			
Issue Type +	Ма	Location *		38.259229	С		
Category	Rivers, Ch	esignated Flood	-122.017713	э			
Item	Item Vegetation & Obstructions						
DWR ID	WR ID DWR_NA0035_15_c _ 2012_41						

Check Point / View

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_41\_20190819\_00095.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	A Issue No. 42		GPS Lat/Long	
Issue Type +	Ма	Location *		38.259272	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0035_15_c _ 2012_42					
Action/Comments					

Inspector Comments: Some shoaling or sedimentation present. The flow is not impeded.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Matthew Rd / Un (cont)

Item

wat	tilew itu/	op (com	•			
	Rating **	А	Issue No.	43	GPS Lat/Long	
	Issue Type +	Ma	Location *		38.259230	0
	Category	Rivers, Ch	annels & D	esignated Flood	-122.017714	0

Erosion / Bank Caving DWR ID DWR\_NA0035\_15\_c \_ 2012\_43

#### Action/Comments

Inspector Comments: Minimal erosion along channel banks that does not appear to be an issue at this time. Recommend monitoring.

Photo 1 of 1: CH\_2019\_NA0035\_15\_43\_20190801\_00043.jpg



View of minor erosion on left bank looking upstream. Summer 2017.

Rating **	Α	Issue No.	GPS Lat/Long				
Issue Type +	Ma	Ma Location *		38.259230°			
Category	Rivers, Ch	Rivers, Channels & Designated Flood -1					
Item	Revetment	Revetments					
DWR ID	DWR_NA0035_15_c _ 2012_44						
	1 1 10						

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

Rating **	Α	Issue No.	45	GPS Lat/Long	
Issue Type +	Ма	Location *		38.259272	0
Category	Rivers, Ch	annels & D	-122.017533	0	
Item	Encroachn	nents			
DWR ID	DWR_NA00	35_15_c _ 20	012_45		

Action/Comments Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Matthew Rd / Down Rating \*\* Issue No. 46 GPS Lat/Long Issue Type + Location \* Ma 38.259272° Category Rivers, Channels & Designated Flood -122.017533 ° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_15\_c \_ 2012\_46 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Photo 1 of 1: CH\_2019\_NA0035\_15\_46\_20190819\_00094.jpg



View of the channel looking downstream. Summer 2019.

Rating **	A Issue No. 47			GPS Lat/Long			
Issue Type +	Ma	Ma Location *		38.259230°			
Category	Rivers, Ch	Rivers, Channels & Designated Flood -1					
Item	Shoaling /	Shoaling / Sedimentation					
DWR ID	DWR_NA0035_15_c _ 2012_47						
Action/Comments							

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	48	GPS Lat/Long		
Issue Type +	Ма	Location *		38.259230°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / Bank Caving					
DWR ID	DWR_NA0035_15_c _ 2012_48					
Action/Comments						

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Matthew Rd / Down (cont) Rating \*\* Issue No. 49 GPS Lat/Long Issue Type + Location \* Ma 38.259230 ° Category Rivers, Channels & Designated Flood -122.017714° Item Revetments DWR ID DWR\_NA0035\_15\_c \_ 2012\_49 Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Photo 1 of 1: CH\_2019\_NA0035\_15\_49\_20190801\_00048.jpg



View of revetment on right bank, looking downstream. Summer 2017.

Rating **	A	Issue No.	GPS Lat/Long				
Issue Type +	Ma	Location *		38.259272 °			
Category	Rivers, Ch	annels & D	-122.017533 °				
Item	Encroachn	ncroachments					
DWR ID	DWR_NA00	DWR_NA0035_15_c _ 2012_50					
	Action/Comments						

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Railroad Ave / Down Rating \* Issue No. 56 GPS Lat/Long Issue Type + Location \* Ma 38.257784 ° Category Rivers, Channels & Designated Flood -122.017733° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_15\_c \_ 2012\_56 Action/Comments

Inspector Comments: Minimal scattered obstruction or vegetation. The flow is not impeded.

Photo 1 of 1 : CH\_2019\_NA0035\_15\_56\_20190819\_00093.jpg



View of the channel looking downstream. Summer 2019.

Rating **	A Issue No. 57			GPS Lat/Long			
Issue Type +	Ma Location *		38.257784°				
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Shoaling /	Shoaling / Sedimentation					
DWR ID	DWR ID DWR_NA0035_15_c _ 2012_57						
Action/Comments							

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	58	GPS Lat/Long			
Issue Type +	Ма	Location *		38.257784°			
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Erosion / E	Erosion / Bank Caving					
DWR ID	DWR_NA0035_15_c _ 2012_58						
Action/Comments							

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Railroad Ave / Down (cont)

Rating **	А	Issue No.	59	GPS Lat/Long	
Issue Type +	Ма	Location *		38.257785	0
Category	Rivers, Channels & Designated Flood			-122.017735	0
Item	Revetment	ts			
DWR ID	DWR_NA00	35_15_c _ 2	012_59		

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	A Issue No. 60		GPS Lat/Long		
Issue Type +	Ma Location *		38.257752°		
Category	Rivers, Ch	annels & D	esignated Flood	-122.017769°	
Item	Item Encroachments				
DWR ID DWR_NA0035_15_c _ 2012_60					
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

#### Check Point / View Sunset Ave / Un

Sui	iset Ave / t	Jþ		
	Rating **	Α	Issue No.	61
	Issue Type +	Ма	Location *	
	Category	Rivers, Ch	annels & D	esignated Flood

Item Vegetation & Obstructions DWR\_NA0035\_15\_c \_ 2012\_61 DWR ID

#### Action/Comments

Inspector Comments: Minimal scattered obstructions or vegetation. The flow is not impeded. This is an offshoot channel to Laurel Creek that is included within the Fairfield Streams O&M Manual.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_61\_20190819\_00092.jpg



View of the channel looking upstream. Summer 2019.

Location LS: Land Side WS: Water Side CR: Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

A/W : Acceptable but Monitor & Maintain

GPS Lat/Long

38.253525

-122.019984

+ Issue Type

Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Sunset Ave / Up (cont)

	• •	•			
Rating **	Α	Issue No.	62	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253525	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.019984	0
Item Shoaling / Sedimentation					
DWR ID	DWR_NA00	35_15_c _ 20	012_62		

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

Rating **	A Issue No. 63		GPS Lat/Long		
Issue Type +	Ma Location *		38.253525 °		
Category	Rivers, Ch	annels & D	esignated Flood	-122.019984°	
Item Erosion / Bank Caving					
DWR ID	DWR ID DWR_NA0035_15_c _ 2012_63				
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

No Photos

Rating **	A Issue No. 64		GPS Lat/Long	
Issue Type +	Ma Location *		Location *	
Category	Rivers, Ch	annels & D	esignated Flood	-122.019984°
Item	Revetments			
DWR ID	DWR_NA0035_15_c _ 2012_64			
Action/Comments				

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

# Photo 1 of 1 : CH\_2019\_NA0035\_15\_64\_20190801\_00057.jpg



View of the revetment on the right bank, looking upstream. Summer 2018.

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Sunset Ave / Up (cont)

Rating **	Α	Issue No.	65	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253525	>
Category	Rivers, Ch	nnels & Designated Flood		-122.019984	>
Item	Encroachn	nents			
DWR ID	DWR_NA00	35_15_c _ 2	012_65		

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# **Sunset Ave / Down**

Rating **	М	Issue No.	66	GPS Lat/Long	
Issue Type +	Ма	Location *		38.253525 °	
Category	Rivers, Ch	annels & D	-122.019984°		
Item Vegetation & Obstructions				·	
DWR ID DWR_NA0035_15_c _ 2012_66					
	Action/Comments				

Check Point / View

Inspector Comments: Vegetation growth, bushes, and saplings block 25% of the channel. This is an offshoot channel to Laurel Creek that is included within the Fairfield Streams O&M Manual.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_66\_20190819\_00091.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	67	GPS Lat/Long	
Issue Type +	Ма	Location *		38.253525	0
Category	Rivers, Ch	tivers, Channels & Designated Flood			0
Item Shoaling / Sedimentation					
DWR ID	DWR_NA00	35_15_c _ 2	012_67		
		Action/Cor	mments		

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS: Land Side WS: Water Side Rating

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

+ Issue Type

Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Sunset Ave / Down (cont)

Rating **	Α	Issue No.	68	GPS Lat/Long		
Issue Type +	Ма	Location *		38.253525	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0035_15_c _ 2012_68					
Action/Comments						

No Photos

Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	69	GPS Lat/Long		
Issue Type +	Ma	Location *		38.253525 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID	DWR_NA0035_15_c _ 2017_69					
Action/Comments						

No Photos

Inspector Comments: No riprap displacement or scouring activity.

Rating **	Α	Issue No.	70	GPS Lat/Long			
Issue Type +	Ма	Location *		38.253525°			
Category	Rivers, Ch	annels & D	esignated Flood	-122.019984°			
Item	Encroachn	Encroachments					
DWR ID	DWR_NA0035_15_c _ 2012_70						
Action/Comments							

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Blossom Rd / Up Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.253382 ° Category Rivers, Channels & Designated Flood -122.014862 ° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_15\_c \_ 2012\_71 Action/Comments

Inspector Comments: Vegetation growth, cat tails, bushes, or saplings block 25% of the channel.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_71\_20190819\_00090.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No. 72		GPS Lat/Long		
Issue Type +	Ма	Location *		38.253382 °		
Category	Rivers, Ch	annels & D	esignated Flood	-122.014862 °		
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID DWR_NA0035_15_c _ 2012_72						
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	A Issue No. 73			GPS Lat/Long		
Issue Type +	Ма	//a Location *		38.253324°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0035_15_c _ 2012_73					
Action/Comments						

Inspector Comments: No erosion encroaching into the channel.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

Rating

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Blossom Rd / Up (cont)**

Rating **	Α	Issue No.	74	GPS Lat/Long		
Issue Type +	Ма	Location *		38.253382 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetments					
DWR ID	DWR ID DWR_NA0035_15_c _ 2012_74					
Action/Comments						

No Photos

Rating **	Α	Issue No.	75	GPS Lat/Long		
Issue Type +	Ma	Location *	38.253382 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA00	DWR_NA0035_15_c _ 2012_75				
			012_75			

Action/Comments

Inspector Comments: Trash, debris, excavations, structures, or other obstructions present, or inappropriate activities that will not inhibit project operations and maintenance or emergency operations were observed.

No Photos

#### Check Point / View

# **Blossom Rd / Down**

Rating **	М	Issue No.	76	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253325	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.014818	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_15_c _ 2	012_76		

#### Action/Comments

Inspector Comments: Clear tules and other woody vegetation from the channel.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_76\_20190819\_00089.jpg



View of the channel looking downstream. Summer 2019.

Location LS: Land Side WS: Water Side

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain En: Enforcement

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Blossom Rd / Down (cont)** Rating \* Issue No. 77 GPS Lat/Long Issue Type + Location \* Ma 38.253382° Category Rivers, Channels & Designated Flood -122.014862 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_15\_c \_ 2012\_77 Action/Comments Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	78	GPS Lat/Long		
Issue Type +	Ma Location *			38.253324°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0035_15_c _ 2012_78					
Action/Comments						

No Photos

Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	79	GPS Lat/Long		
Issue Type +	Ма	Location *		38.253324°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.014818°				
Item	Revetment	Revetments				
DWR ID DWR_NA0035_15_c _ 2012_79						
Action/Comments						

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Blossom Rd / Down (cont)

Rating **	A	Issue No.	80	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253382 °	
Category	Rivers, Channels & Designated Flood -122.01486			-122.014862 °	
Item	Encroachments				
DWR ID	DWR_NA0035_15_c _ 2012_80				

Action/Comments Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Worley Rd / Up

-					
Rating **	Α	Issue No.	81	GPS Lat/Long	
Issue Type +	Ма	Location *		38.253311 °	
Category	Rivers, Channels & Designated Flood			-122.009841 °	
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0035_15_c _ 2012_81				

Check Point / View

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_81\_20190819\_00088.jpg



View of the channel looking upstream. Summer 2019.

Rating **	А	Issue No.	82	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253248	0
Category	Rivers, Channels & Designated Flood			-122.009732	0
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0035_15_c _ 2012_82					
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

Rating

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Worley Rd / Up (cont)

Rating **	Α	Issue No.	83	GPS Lat/Long
Issue Type +	Ma	Location *		38.253311 °
Category	Rivers, Channels & Designated Flood -122.00			-122.009841 °
Item	Erosion / Bank Caving			
DWR ID DWR_NA0035_15_c _ 2012_83				
Action/Comments				

No Photos

Inspector Comments: No erosion encroaching into the channel.

Rating **	А	Issue No.	84	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253311 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	m Revetments				
DWR ID DWR_NA0035_15_c _ 2012_84					
Action/Commants					

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged.

Rating **	Α	Issue No.	85	GPS Lat/Long	
Issue Type +	Ма	Location *		38.253248 °	
Category	Rivers, Channels & Designated Flood -122.009732				
Item	Encroachn	Encroachments			
DWR ID DWR_NA0035_15_c _ 2012_85					
Action/Comments					

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Worley Rd / Down

,	•				
Rating **	М	Issue No.	86	GPS Lat/Long	
Issue Type +	Ма	Location *		38.253248	•
Category	Rivers, Channels & Designated Flood			-122.009732	٥
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_15_c _ 20	012_86		

Check Point / View

#### Action/Comments

Inspector Comments: Vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the channel.

#### Photo 1 of 1: CH\_2019\_NA0035\_15\_86\_20190819\_00087.jpg



View of channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	87	GPS Lat/Long	
Issue Type +	Ma	Ma Location *		38.253248°	
Category	Rivers, Channels & Designated Flood -122.			-122.009732 °	
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0035_15_c _ 2012_87				

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	88	GPS Lat/Long	
Issue Type +	Ма	Location *		38.253311°	
Category	Rivers, Ch	-122.009841 °			
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0035_15_c _ 2012_88				
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Page 31 of 31

#### Flood Control Project Maintenance Levee Inspections

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Laurel Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Worley Rd / Down (cont) Rating \*\* Issue No. 89 GPS Lat/Long Issue Type + Location \* Ma 38.253311° Category Rivers, Channels & Designated Flood -122.009841 ° Item Revetments DWR ID DWR\_NA0035\_15\_c \_ 2012\_89 Action/Comments Inspector Comments: Existing riprap protection is properly maintained and is undamaged.

Rating **	Α	Issue No. 90		GPS Lat/Long	
Issue Type +	Ма	Location *		38.253248 °	
Category	Rivers, Ch	-122.009732 °			
Item	Encroachments				
DWR ID	DWR_NA0035_15_c _ 2012_90				
Action/Comments					

Inspector Comments: No trash or obstructions were present within the project easement area.

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Flood Control Project Maintenance

# **Unit Cover Sheet**

# 2019 Channel Inspection Results

# **Fairfield Suisun Sewer District**

Channel	
Ledgewood Creek	

Channel Rating	Α
Date of Inspection	8/16/2019
DWR Inspector	Zach Jojola
Accompanied By	

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Astoria Drive / Up** Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.256296 ° Category Rivers, Channels & Designated Flood -122.073705° Vegetation & Obstructions Item DWR ID DWR\_NA0035\_17\_c \_ 2012\_1 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

# Photo 1 of 1 : CH\_2019\_NA0035\_17\_1\_20190819\_00072.jpg



View of the channel looking upstream. Summer 2019.

Rating **	A Issue No. 2			GPS Lat/Long		
Issue Type +	Ma	Location *		38.256296°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID DWR_NA0035_17_c _ 2012_2						
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	3	GPS Lat/Long	
Issue Type +	Ма	Location *		38.256296 °	
Category	Rivers, Channels & Designated Flood -122.073705				
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0035_17_c _ 2012_3				
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Astoria Drive / Up (cont)

		•			
Rating **	Α	Issue No.	4	GPS Lat/Long	
Issue Type +	Ma	Location *		38.256296	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.073705	0
Item	Revetments				
DWR ID	DWR_NA00	/R_NA0035_17_c _ 2012_4			

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	A Issue No. 5			GPS Lat/Long			
Issue Type +	Ma	Location *		38.256296°			
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Encroachn	Encroachments					
DWR ID	DWR_NA0035_17_c _ 2012_5						
Action/Comments							

No Photos

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

#### Check Point / View

# Astoria Drive / Down

Rating **	M	Issue No. 6		GPS Lat/Long	
Issue Type +	Ma	Location *		38.256296°	
Category	Rivers, Ch	annels & D	-122.073705°		
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0035_17_c _ 2012_6				

#### Action/Comments

Inspector Comments: Blackberry bushes should be cleared out.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_6\_20190819\_00073.jpg



View of the channel looking downstream. Summer 2019.

\* Location LS: Land Side WS: Water Side CR: Crown \* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Astoria Drive / Down (cont)** Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.256296 ° Category Rivers, Channels & Designated Flood -122.073705° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_17\_c \_ 2012\_7

Action/Comments
Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating \*\* Issue No. Α GPS Lat/Long Issue Type + Ма Location \* 38.256296 ° Category Rivers, Channels & Designated Flood -122.073705 ° Item Erosion / Bank Caving DWR\_NA0035\_17\_c \_ 2012\_8 DWR ID Action/Comments

No Photos

Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	9	GPS Lat/Long	
Issue Type +	Ма	Location *		38.256296°	
Category	Rivers, Ch	-122.073705°			
Item	Item Revetments				
DWR ID	DWR_NA0035_17_c _ 2012_9				
Action/Comments					

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Astoria Drive / Down (cont)

Rating **	А	Issue No.	10	GPS Lat/Long
Issue Type +	Ma	Location *		38.256296 °
Category	Rivers, Channels & Designated Flood			-122.073705 °
Item	Encroachments			
DWR ID	DWR_NA00	35_17_c _ 2	012_10	

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Check Point / View Springfield Dr. / Up

<b>J</b>					
Rating **	Α	Issue No.	11	GPS Lat/Long	
Issue Type +	Ма	Location *		38.254594	٥
Category	Rivers, Ch	annels & D	-122.073608	0	
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_17_c _ 2	012_11		
		A .: 10			

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_11\_20190819\_00074.jpg



View of the channel looking upstream. Summer 2019.

-						
	Rating **	А	Issue No.	12	GPS Lat/Long	
	Issue Type +	Ма	Location *		38.254595	0
	Category	Rivers, Channels & Designated Flood			-122.073611	0
	Item	Shoaling / Sedimentation				
	DWR ID DWR_NA0035_17_c _ 2012_12					
	Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location LS : Land Side WS : Water Side

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Springfield Dr. / Up (cont) Rating \* Issue No. 13 GPS Lat/Long Issue Type + Location \* Ma 38.254595 ° Category Rivers, Channels & Designated Flood -122.073610 ° Item Erosion / Bank Caving DWR ID DWR\_NA0035\_17\_c \_ 2012\_13 Action/Comments Inspector Comments: No erosion encroaching into the channel.

No Photos

Rating **	А	Issue No.	14	GPS Lat/Long
Issue Type +	Ma	Location *		38.254582 °
Category	Rivers, Channels & Designated Flood			-122.073597°
Item	Item Revetments			
DWR ID	DWR ID DWR_NA0035_17_c _ 2012_14			
Action/Comments				

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	A	Issue No.	15	GPS Lat/Long	
Issue Type +	Ma	Location *		38.254582 °	
Category	Rivers, Channels & Designated Flood			-122.073597 °	
Item Encroachments					
DWR ID DWR_NA0035_17_c _ 2012_15					
Action/Comments					

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Springfield Dr. / Down Rating \*\* Α Issue No. 16 GPS Lat/Long Issue Type + Location \* Ma 38.254594 ° Category Rivers, Channels & Designated Flood -122.073608° Vegetation & Obstructions Item DWR ID DWR\_NA0035\_17\_c \_ 2012\_16 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Photo 1 of 1 : CH\_2019\_NA0035\_17\_16\_20190819\_00075.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	17	GPS Lat/Long	
Issue Type +	Ma	Location *		38.254594°	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0035_17_c _ 2012_17				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	18	GPS Lat/Long
Issue Type +	Ма	Location *		38.254594°
Category	Rivers, Channels & Designated Flood			-122.073610 °
Item	Erosion / Bank Caving			
DWR ID DWR_NA0035_17_c _ 2012_18				
Action/Comments				

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Springfield Dr. / Down (cont)

_		•			
Rating **	Α	Issue No.	19	GPS Lat/Long	
Issue Type +	Ma	Location *		38.254582	0
Category	Rivers, Channels & Designated Flood			-122.073597	0
Item	Revetments				
DWR ID	DWR_NA0035_17_c _ 2012_19				

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	A Issue No. 20		GPS Lat/Long		
Issue Type +	Ma	Location *		38.254582 °	
Category	Rivers, Channels & Designated Flood -122.073597				
Item	Encroachments				
DWR ID DWR_NA0035_17_c _ 2012_20					
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

# Check Point / View

# Rockville Road / Up

	-				
Rating **	Α	Issue No.	21	GPS Lat/Long	
Issue Type +	Ma	Location *		38.249841	0
Category	Rivers, Channels & Designated Flood			-122.072646	0
Item	Vegetation				
DWR ID	DWR_NA00				

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_21\_20190819\_00076.jpg



View of the channel looking upstream. Summer 2019.

\* Location LS: Land Side WS: Water Side CR: Crown \* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type Ma : Mainte

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En : Enforcement

# **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Rockville Road / Up (cont) Rating \* Issue No. 22 GPS Lat/Long Issue Type + Location \* Ma 38.249841° Category Rivers, Channels & Designated Flood -122.072646 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_17\_c \_ 2012\_22 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 23 GPS Lat/Long Issue Type + Ма Location \* 38.249841 ° Category Rivers, Channels & Designated Flood -122.072646 ° Item Erosion / Bank Caving DWR\_NA0035\_17\_c \_ 2012\_23 DWR ID Action/Comments

Inspector Comments: No erosion encroaching into the channel.

Rating **	N	Issue No.	83	GPS Lat/Long	
Issue Type +	Ма	Location *		38.249841	0
Category	Rivers, Ch	-122.072650	0		
Item	Revetment	:S			
DWR ID	DWR NA00	35 17 c 20	016 83		

Action/Comments Inspector Comments: There is no revetment at this location and is not needed.

No Photos

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel		Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View

#### Rockville Road / Up (cont)

Rating **	Α	Issue No.	25	GPS Lat/Long	
Issue Type +	Ma	Location *		38.249960 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachments				
DWR ID	DWR_NA0035_17_c _ 2012_25				

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

Rating **	М	Issue No. 24		GPS Lat/Long
Issue Type +	Ma	Location *		38.249960 °
Category	Rivers, Channels & Designated Flood			-122.072670 °
Item	Gates			·
DWR ID	DWR NA00	35 17 c 20	012 24	

#### Action/Comments

Inspector Comments: Flap gate on nearby drainage pipe is broken and should be repaired, but does not have an affect on the capacity of the channel.

#### Photo 1 of 2: CH\_2019\_NA0035\_17\_24\_20190819\_00077.jpg



View of the flapgate located on the upstream side of Rockville Road. Summer 2019.

 Rating \*\*
 M
 Issue No.
 24 (cont)
 GPS Lat/Long

 Issue Type +
 Ma
 Location \*
 38.249960 °

 Category
 Rivers, Channels & Designated Flood
 -122.072670 °

 Item
 Gates

 DWR ID
 DWR\_NA0035\_17\_c \_ 2012\_24

Photo 2 of 2 : CH\_2019\_NA0035\_17\_24\_20190801\_00022.jpg



View of the flap gate located on the upstream side of Rockville Rd. Summer 2016.

\* Location LS: Land Side WS: Water Side CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

: Acceptable but Monitor & Maintain En : Enforcement

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Rockville Road / Down

Rating **	Α	Issue No.	26	GPS Lat/Long	
Issue Type +	Ма	Location *		38.249840 °	>
Category	Rivers, Ch	-122.072644 °	)		
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0035_17_c _ 2012_26				

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_26\_20190819\_00078.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	27	GPS Lat/Long	
Issue Type +	Ma	Location *		38.249840 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0035_17_c _ 2012_27				
1 1 10					

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	A Issue No. 28			GPS Lat/Long		
Issue Type +	Ма	Location *		38.249841 °		
Category	Rivers, Channels & Designated Flood			-122.072645 °		
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0035_17_c _ 2012_28					
Action/Comments						

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Rockville Road / Down (cont)**

Rating **	N	Issue No.	GPS Lat/Long			
Issue Type +	Ма	Location *		38.249841 °		
Category	Rivers, Channels & Designated Flood			-122.072645°		
Item	Revetment	Revetments				
DWR ID	DWR_NA00	35_17_c _ 2	012_29			

Action/Comments

No Photos

Inspector Comments: This item does not apply to this inspection.

Rating **	А	Issue No.	30	GPS Lat/Long	
Issue Type +	Ma	Location *		38.249960 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	WR_NA0035_17_c _ 2012_30			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Check Point / View

# Auto Mall Parkway / Up

	_	-			
Rating **	Α	Issue No.	GPS Lat/Long		
Issue Type +	Ma	Location *		38.247663	0
Category	Rivers, Channels & Designated Flood			-122.071997	0
Item	Vegetation				
DWR ID	DWR_NA00	35_17_c _ 20	012_31		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_31\_20190819\_00079.jpg



View of the channel looking upstream. Summer 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

A/W : Acceptable but Monitor & Maintain

+ Issue Type

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Auto Mall Parkway / Up (cont) Rating \*\* 32 GPS Lat/Long Issue Type + Location \* Ma 38.247663° Category Rivers, Channels & Designated Flood -122.072105 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_17\_c \_ 2012\_32 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating **	A Issue No. 33		GPS Lat/Long		
Issue Type +	Ma	Location *		38.247663 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA00				
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

ignated Flood -122.072105°

Rating **	N Issue No. 34			GPS Lat/Long		
Issue Type +	Ma Location *		38.247663 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID	DWR_NA0035_17_c _ 2012_34					
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

## Check Point / View Auto Mall Parkway / Up (cont)

Rating **	Α	Issue No.	35	GPS Lat/Long	
Issue Type +	Ma	Location *		38.247722 °	
Category	Rivers, Channels & Designated Flood			-122.072105 °	
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	35_17_c _ 2	012_35		

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

#### Check Point / View **Auto Mall Parkway / Down**

	•				
Rating **	A Issue No. 36			GPS Lat/Long	
Issue Type +	Ma Location *		38.247722 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Vegetation	/egetation & Obstructions			
DWR ID	DWR_NA00	DWR_NA0035_17_c _ 2012_36			

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_36\_20190819\_00080.jpg



View of the channel looking downstream. Summer 2019.

Rating **	A Issue No. 37			GPS Lat/Long	
Issue Type +	Ma	Location *		38.247663	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS: Land Side WS: Water Side

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Auto Mall Parkway / Down (cont)

	-				
Rating **	Α	Issue No.	38	GPS Lat/Long	
Issue Type +	Ма	Location *		38.247663 °	>
Category	Rivers, Channels & Designated Flood			-122.072105 °	>
Item Erosion / Bank Caving					
DWR ID DWR_NA0035_17_c _ 2012_38					
Action/Comments					

No Photos

Inspector Comments: No erosion encroachment into the channel.

Rating **	N	Issue No.	39	GPS Lat/Long		
Issue Type +	Ma	Location *		38.247663 °		
Category	Rivers, Ch	annels & D	-122.072105°			
Item	Revetment	Revetments				
DWR ID	DWR_NA0035_17_c _ 2012_39					
		A -+: /C				

No Photos

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Rating **	A Issue No. 40			GPS Lat/Long		
Issue Type +	Ма	Location *	38.247722 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.072105				
Item	Encroachments					
DWR ID DWR_NA0035_17_c _ 2012_40						
Action/Comments						

No Photos

Inspector Comments: Minimal trash visible, but it will not inhibit channel capacity. No debris, excavation, structures, or other obstructions present within the project easement area.

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Auto Mall Parkway / Down (cont)

Rating **	Α	Issue No.	82	GPS Lat/Long	
Issue Type +	Ma	Location *		38.247722 °	
Category	Rivers, Channels & Designated Flood			-122.072105°	
Item	Gates	Gates			
DWR ID	DWR_NA0035_17_c _ 2015_82				

#### Action/Comments

Inspector Comments: Gates open and close easily with minimal leakage. Gates show no corrosion damage and have been maintained.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_82\_20190819\_00081.jpg



View of the gate on the downstream side of the channel from Auto Mall Pkwy. Summer 2019.

# Check Point / View Woolner Avenue / Up

Rating **	Α	Issue No.	41	GPS Lat/Long	
Issue Type +	Ma	Location *		38.245298°	
Category	Rivers, Ch	-122.068536 °			
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0035_17_c _ 2012_41				

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_41\_20190819\_00082.jpg



View of the channel looking upstream. Summer 2019.

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N : Not Inspected/Rated C : Corrected 4/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Woolner Avenue / Up (cont)** Rating \* 42 GPS Lat/Long Issue Type + Location \* Ma 38.245298 ° Category Rivers, Channels & Designated Flood -122.068536 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_17\_c \_ 2012\_42 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 43 GPS Lat/Long Issue Type + Ма Location \* 38.245298 ° Category Rivers, Channels & Designated Flood -122.068536 ° Item Erosion / Bank Caving DWR\_NA0035\_17\_c \_ 2012\_43 DWR ID Action/Comments

Inspector Comments: No erosion encroaching into the channel.

No Photos

Rating **	Α	Issue No.	44	GPS Lat/Long	
Issue Type +	Ma	Location *		38.245298°	
Category	Rivers, Ch	annels & D	esignated Flood	-122.068536 °	
Item	Revetments				
DWR ID	DWR_NA0035_17_c _ 2012_44				
Action/Comments					

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Woolner Avenue / Up (cont)

	•	• •			
Rating **	Α	Issue No.	45	GPS Lat/Long	
Issue Type +	Ma	Location *		38.245298	0
Category	Rivers, Ch	annels & D	-122.068536	0	
Item	Encroachments				
DWR ID	DWR_NA0035_17_c _ 2012_45				

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.

No Photos

# Check Point / View Woolner Avenue / Down

Α	Issue No.	46	GPS Lat/Long	
Ма	Location *		38.245298 °	
Rivers, Channels & Designated Flood			-122.068536 °	
Vegetation & Obstructions				
DWR_NA0035_17_c _ 2012_46				
	Ma Rivers, Ch Vegetation	Ma Location * Rivers, Channels & D Vegetation & Obstruc	Ma Location *	

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_46\_20190819\_00083.jpg



View of the channel looking downstream. Summer 2019.

Rating **	А	Issue No.	47	GPS Lat/Long	
Issue Type +	Ma	Location *		38.245298	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.068536	0
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	DWR_NA0035_17_c _ 2012_47			
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

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\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

A/W : Acceptable but Monitor & Maintain

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Woolner Avenue / Down (cont)

Rating **	А	Issue No.	48	GPS Lat/Long	
Issue Type +	Ma	Location *		38.245298	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.068536	0
Item	Erosion / E	Frosion / Bank Caving			
DWR ID	DWR_NA00	35_17_c _ 2	012_48		
	Action/Comments				

No Photos

Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	49	GPS Lat/Long	
Issue Type +	Ma	Location *		38.245298 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetments				
DWR ID DWR_NA0035_17_c _ 2012_49					
Action/Comments					

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	Α	Issue No.	50	GPS Lat/Long		
Issue Type +	Ма	Location *		38.245298	0	
Category	Rivers, Ch	annels & D	esignated Flood	-122.068536	0	
Item	Encroachn	nents				
DWR ID	DWR_NA00	35_17_c _ 2	012_50			
	Action/Comments					

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

\* Location LS: Land Side WS: Water Side CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

38.243683 °

-122.066470 °

#### **Beck Avenue / Up** Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma Category Rivers, Channels & Designated Flood

Item

DWR ID

Vegetation & Obstructions DWR\_NA0035\_17\_c \_ 2012\_51

Action/Comments

Check Point / View

Inspector Comments: Significant vegetation growth within the channel that approxiamtely blocks 25% of capacity.

Photo 1 of 1: CH\_2019\_NA0035\_17\_51\_20190819\_00084.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No.	52	GPS Lat/Long	
Issue Type +	Ma	Location *		38.243683 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR ID DWR_NA0035_17_c _ 2012_52				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	53	GPS Lat/Long
Issue Type +	Ма	Location *		38.243702 °
Category	Rivers, Ch	annels & D	-122.066538 °	
Item	Erosion / Bank Caving			
DWR ID	DWR ID DWR_NA0035_17_c _ 2012_53			
Action/Comments				

Inspector Comments: No erosion encroaching into the channel.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Beck Avenue / Up (cont)**

Rating **	Α	Issue No.	54	GPS Lat/Long
Issue Type +	Ма	Location *		38.243702°
Category	Rivers, Ch	annels & D	-122.066538 °	
Item	Revetment	evetments		
DWR ID	DWR_NA00	35_17_c _ 2	012_54	

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating \*\* Issue No. Α 55 GPS Lat/Long Issue Type + Ma Location \* 38.243702 ° Category Rivers, Channels & Designated Flood -122.066538 ° Encroachments Item DWR ID DWR\_NA0035\_17\_c \_ 2012\_55 Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

#### Check Point / View

# **Beck Avenue / Down**

Rating **	Α	Issue No.	56	GPS Lat/Long	
Issue Type +	Ma	Location *		38.243702	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.066538	0
Item	Vegetation	& Obstruc	& Obstructions		
DWR ID	DWR_NA00	35_17_c _ 20	012_56		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH 2019 NA0035 17 56 20190819 00085.jpg



View of the channel looking downstream. Summer 2019.

Location LS: Land Side WS: Water Side CR: Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Beck Avenue / Down (cont)** Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.243682 ° Category Rivers, Channels & Designated Flood -122.066469 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_17\_c \_ 2012\_57 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 58 GPS Lat/Long Issue Type + Ма Location \* 38.243682 ° Category Rivers, Channels & Designated Flood -122.066469 ° Item Erosion / Bank Caving DWR\_NA0035\_17\_c \_ 2012\_58 DWR ID Action/Comments

Inspector Comments: No erosion encroaching into the channel.

No Photos

No Photos

Rating **	Α	Issue No.	59	GPS Lat/Long	
Issue Type +	Ma	Location *		38.243702 °	
Category	Rivers, Ch	-122.066538°			
Item	Revetments				
DWR ID	DWR_NA0035_17_c _ 2012_59				
Action/Comments					

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Beck Avenue / Down (cont)

Rating **	Α	Issue No.	60	GPS Lat/Long	
Issue Type +	Ма	Location *		38.243702 °	
Category	Rivers, Channels & Designated Flood			-122.066538 °	
Item	Encroachments				
DWR ID	DWR_NA00	35_17_c _ 2	012_60		

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Highway 12 / Up

	•					
Rating **	Α	Issue No. 61		GPS Lat/Long		
Issue Type +	Ма	Location *		38.240590	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Pm Vegetation & Obstructions					
DWR ID	DWR_NA0035_17_c _ 2012_61					

Check Point / View

#### Action/Comments

Inspector Comments: Unable to get photo due to gate access, however the channel was visually inspected from Hwy 12 and the capacity is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_61\_20190801\_00054.jpg



View of the channel, looking upstream. Summer 2018.

Rating **	Α	Issue No. 62		GPS Lat/Long					
Issue Type +	Ма	Location *	38.240567	0					
Category	Rivers, Ch	-122.062390	0						
Item	Shoaling / Sedimentation								
DWR ID DWR_NA0035_17_c _ 2012_62									
Action/Comments									

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Highway 12 / Up (cont) Rating \*\* Issue No. 63 GPS Lat/Long Issue Type + Location \* Ma 38.240567 ° Category Rivers, Channels & Designated Flood -122.062390 ° Item Erosion / Bank Caving DWR ID DWR\_NA0035\_17\_c \_ 2012\_63 Action/Comments Inspector Comments: No erosion encroaching into the channel.

Rating \*\* Issue No. Α GPS Lat/Long Issue Type + Ma Location \* 38.240590 ° Category Rivers, Channels & Designated Flood -122.062413 ° Item Revetments DWR\_NA0035\_17\_c \_ 2012\_64 DWR ID Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

No Photos

Rating **	A	Issue No. 65		GPS Lat/Long		
Issue Type +	Ма	Location *		38.240590	0	
Category	Rivers, Ch	-122.062413	0			
Item	Encroachments					
DWR ID	DWR ID DWR_NA0035_17_c _ 2012_65					
Action/Comments						

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

38.240590°

#### Check Point / View Highway 12 / Down Rating \*\* Issue No. 66 GPS Lat/Long Issue Type + Location \* Ma Category Rivers, Channels & Designated Flood -122.062413 °

Item

DWR ID

Vegetation & Obstructions DWR\_NA0035\_17\_c \_ 2012\_66

Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Rating **	Α	Issue No.	66 (cont)	GPS Lat/Long
Issue Type +	Ма	Location *		38.240590°
Category	Rivers, Channels & Designated Flood			-122.062413 °
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0035_17_c _ 2012_66			

#### Photo 1 of 2: CH\_2019\_NA0035\_17\_66\_20190819\_00086.jpg



View of the channel looking downstream from the railroad bridge. Summer 2019.

Photo 2 of 2: CH\_2019\_NA0035\_17\_66\_20190801\_00058.jpg



View of the channel looking downstream from Highway 12. Summer 2017.

Rating **	Α	Issue No.	67	GPS Lat/Long	
Issue Type +	Ma	Location *	<u> </u>	38.240567 °	
issue Type +	IVIa	Location		38.240567	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0035_17_c _ 2012_67				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

N: Not Inspected/Rated Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Highway 12 / Down (cont) Rating \*\* Issue No. 68 GPS Lat/Long Issue Type + Location \* Ma 38.240567 ° Category Rivers, Channels & Designated Flood -122.062390 ° Item Erosion / Bank Caving DWR ID DWR\_NA0035\_17\_c \_ 2012\_68 Action/Comments Inspector Comments: No erosion encroaching into the channel.

No Photos

Rating **	N	Issue No.	69	GPS Lat/Long	
Issue Type +	Ma	Location *		38.240567°	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetment	Revetments			
DWR ID	DWR_NA0035_17_c _ 2012_69				
Action/Comments					

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating **	Α	Issue No.	70	GPS Lat/Long
Issue Type +	Ма	Location *		38.240590°
Category	Rivers, Ch	annels & D	esignated Flood	-122.062413 °
Item	Encroachn	nents		
DWR ID	DWR_NA00	35_17_c _ 20	012_70	
		Action/Cor	mments	

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Cordelia Road / Up Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.233331 ° Category Rivers, Channels & Designated Flood -122.058608 ° Vegetation & Obstructions Item DWR ID DWR\_NA0035\_17\_c \_ 2012\_71 Action/Comments

Inspector Comments: Some vegetation present, but it does not appear to impede the flow.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_71\_20190819\_00089.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No.	81	GPS Lat/Long
Issue Type +	Ma	Location *		38.233310°
Category	Rivers, Ch	annels & D	esignated Flood	-122.058590 °
Item	Item Shoaling / Sedimentation			
DWR ID	DWR_NA00	35_17_c _ 2	015_81	
		Action/Cor	mments	

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	73	GPS Lat/Long
Issue Type +	Ма	Location *		38.233330°
Category	Rivers, Ch	annels & D	esignated Flood	-122.058608°
Item	Erosion / E	Bank Caving	)	·
DWR ID	DWR_NA00	35_17_c _ 2	012_73	
		Action/Cor	mments	

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

**FINAL DATA** 

# **Levee Inspection Report By Mile - Channel 2019**

#### **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View

# Cordelia Road / Up (cont)

Rating **	Α	Issue No.	74	GPS Lat/Long
Issue Type +	Ma	Location *		38.233310°
Category	Rivers, Ch	annels & D	esignated Flood	-122.058590 °
Item	Revetment	S		
DWR ID	DWR_NA00	35_17_c _ 2	012_74	
		Action/Cor	mments	

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating \*\* Issue No. Α 75 GPS Lat/Long Issue Type + Ma Location \* 38.233310° Category Rivers, Channels & Designated Flood -122.058590 ° Encroachments Item DWR ID DWR\_NA0035\_17\_c \_ 2012\_75 Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

#### Check Point / View

# Cordelia Road / Down

Rating **	A	Issue No.	76	GPS Lat/Long	
Issue Type +	Ma	Location *		38.233331	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.058607	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_17_c _ 2	012_76		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_17\_76\_20190819\_00088.jpg



View of the channel looking downstream. Summer 2019.

Location LS: Land Side WS: Water Side CR: Crown

A: Acceptable

N: Not Inspected/Rated Minimally Acceptable Corrected U : Unacceptable

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

# **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Cordelia Road / Down (cont) Rating \* Issue No. 77 GPS Lat/Long Issue Type + Location \* Ma 38.233332° Category Rivers, Channels & Designated Flood -122.058607 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_17\_c \_ 2012\_77 Action/Comments

Inspector Comments: No shoaling or sedimentation present.

Rating **	А	Issue No.	78	GPS Lat/Long
Issue Type +	Ma	Location *		38.233332 °
Category	Rivers, Ch	annels & D	esignated Flood	-122.058607 °
Item	Erosion / E	Bank Caving	]	
DWR ID	DWR_NA00	35_17_c _ 2	012_78	
		Action/Cor	mmonte	

Inspector Comments: No erosion encroaching into the channel.

Rating **	A	Issue No.	79	GPS Lat/Long
Issue Type +	Ма	Location *		38.233310°
Category	Rivers, Ch	annels & D	esignated Flood	-122.058590 °
Item	Revetment	:S		
DWR ID	DWR_NA00	35_17_c _ 20	012_79	
		Action/Cor	mments	

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

# **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Ledgewood Creek	2.00	08/16/2019 08/16/2019	Zach Jojola

	Ledgewood Creek				2.00	08/16/2019 08/16/2019	Zach Jojola
	(	Check Point /	View				
rdelia Road	d / Down	(cont)					
Rating **	Α	Issue No.	80	GPS Lat/Long			
Issue Type +	Ма	Location *		38.233310°	No Photo	s	
Category	Rivers, Ch	nannels & D	esignated Flood	-122.058590°			
Item	Encroachments						
DWR ID	D DWR_NA0035_17_c _ 2012_80						
		Action/Cor	mments				
			oris, excavation, s e project easeme	•			

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance

# **Unit Cover Sheet**

# 2019 Channel Inspection Results

# **Fairfield Suisun Sewer District**

Ch	annel
McC	by Creek

Channel Rating	Α
Date of Inspection	8/16/2019
DWR Inspector	Zach Jojola
Accompanied By	

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

	Check Point / View							
Bel	Bella Vista Dr / Up							
	Rating ** M Issue No. 1							
	Issue Type +	Ma	Location *		38.253280	0		
	Category	Rivers, Ch	annels & D	esignated Flood	-122.000670	0		
	Item							
	DWR ID							
			Action/Cor	mments				

Inspector Comments: Vegetation blocks approximately 25% of the capacity. Unable to get photo due to fence blocking access.

Rating **	M Issue No. 1 (cont)		GPS Lat/Long		
Issue Type +	Ма	Location *		38.253280 °	
Category	Rivers, Channels & Designated Flood			-122.000670 °	
Item	Vegetation	Vegetation & Obstructions			
DWR ID	DWR_NA00	DWR_NA0035_14_c _ 2012_1			

Rating **	M	Issue No.	1 (cont)	GPS Lat/Long
Issue Type +	Ma Location * Rivers, Channels & Designated Flood			38.253280 °
Category				-122.000670°

Vegetation & Obstructions

DWR\_NA0035\_14\_c \_ 2012\_1

Photo 1 of 3: CH\_2019\_NA0035\_14\_1\_20190801\_00001.jpg



View of the channel looking upstream. Summer 2018.

Photo 2 of 3: CH\_2019\_NA0035\_14\_1\_20190801\_00002.jpg



View of the channel looking upstream. Summer 2017.

Photo 3 of 3: CH\_2019\_NA0035\_14\_1\_20190801\_00003.jpg



View of the creek looking upstream at the end of Bella Vista Dr. Summer 2016.

\* Location LS : Land Side WS : Water Side CR : Crown

Item

DWR ID

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

: Acceptable but Monitor & Maintain

# **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Bella Vista Dr / Up (cont) Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.253219° Category Rivers, Channels & Designated Flood -122.000588 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_14\_c \_ 2012\_2 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating **	A Issue No. 3			GPS Lat/Long		
Issue Type +	Ma Location *			38.253220°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0035_14_c _ 2012_3					
Action/Commonts						

Inspector Comments: No erosion encroaching into the channel.

Rating **	N Issue No. 4			GPS Lat/Long	
Issue Type +	Ma Location *		38.253220°		
Category	Rivers, Ch	-122.000587 °			
Item	Revetment	·			
DWR ID	DWR_NA0035_14_c _ 2012_4				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable

M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel		Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Bella Vista Dr / Up (cont)

Rating **	A Issue No. 5			GPS Lat/Long	
Issue Type +	Ma Location *			38.253280	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	DWR_NA0035_14_c _ 2012_5			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Check Point / View Bella Vista Dr / Down

Rating **	M Issue No. 6			GPS Lat/Long		
Issue Type +	Ma	38.253280	۰			
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Vegetation	/egetation & Obstructions				
DWR ID	DWR_NA0035_14_c _ 2012_6					

#### Action/Comments

Inspector Comments: Vegetation blocks approximately 25% of the capacity. Unable to get photo due to fence blocking access.

Rating **	M	Issue No.	6 (cont)	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253280 °	
Category	Rivers, Channels & Designated Flood			-122.000670 °	
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0035_14_c _ 2012_6				

#### Photo 1 of 3: CH\_2019\_NA0035\_14\_6\_20190801\_00005.jpg



View of the channel looking downstream. Summer 2018.

Photo 2 of 3: CH\_2019\_NA0035\_14\_6\_20190801\_00006.jpg



View of the channel looking downstream. Summer 2017.

\* Location

LS : Land Side

WS : Water Side

CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View

#### Bella Vista Dr / Down (cont)

Rating **	M	Issue No.	6 (cont)	GPS Lat/Long
Issue Type +	Ма	Location *		38.253280°
Category	Rivers, Ch	-122.000670 °		
Item	Vegetation & Obstructions			
DWR ID	DWR_NA00	35_14_c _ 20	012_6	

#### Action/Comments

Inspector Comments: Vegetation blocks approximately 25% of the capacity. Unable to get photo due to fence blocking access.

Photo 3 of 3: CH\_2019\_NA0035\_14\_6\_20190801\_00007.jpg



View of the creek looking downstream at the end of Bella Vista Ave. Summer 2016.

Rating **	Α	Issue No.	7	GPS Lat/Long		
Issue Type +	Ma	Location *		38.253219°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling / Sedimentation					
DWR ID	DWR_NA00	DWR_NA0035_14_c _ 2012_7				

#### Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	8	GPS Lat/Long
Issue Type +	Ма	Location *		38.253219°
Category	Rivers, Channels & Designated Flood			-122.000588 °
Item	Erosion / Bank Caving			
DWR ID	DWR ID DWR_NA0035_14_c _ 2012_8			
Action/Comments				

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Bella Vista Dr / Down (cont)

Rating **	N	Issue No.	9	GPS Lat/Long	
Issue Type +	Ма	Location *		38.253220	0
Category	Rivers, Channels & Designated Flood			-122.000588	0
Item	Revetments				
DWR ID	DWR ID DWR_NA0035_14_c _ 2012_9				
Action/Comments					

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating **	Α	Issue No.	10	GPS Lat/Long	
Issue Type +	Ma	Location *		38.253280 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR ID DWR_NA0035_14_c _ 2012_10				
Action/Comments					

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

# Emperor Dr / Up

ı	iperor Dr / Op							
	Rating **	Α	Issue No.	11	GPS Lat/Long			
	Issue Type +	Ма	Location *		38.250738	0		
	Category	Rivers, Channels & Designated Flood			-122.004355	0		
	Item	Vegetation & Obstructions						
	DWR ID	DWR_NA00	35_14_c _ 20	012_11				

Check Point / View

#### Action/Comments

Inspector Comments: Minimal vegetation in the channel. Does not reduce capacity.

#### Photo 1 of 1: CH\_2019\_NA0035\_14\_11\_20190819\_00040.jpg



View of the channel looking upstream. Summer 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Emperor Dr / Up (cont)** Rating \*\* Issue No. 12 GPS Lat/Long Issue Type + Location \* Ma 38.250671° Category Rivers, Channels & Designated Flood -122.004419 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_14\_c \_ 2012\_12 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	Issue No.	13	GPS Lat/Long		
Issue Type +	Ma	Location *		38.250671 °		
Category	Rivers, Ch	annels & D	-122.004419 °			
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	ID DWR_NA0035_14_c _ 2012_13					
Action/Comments						

Inspector Comments: No erosion encroachment into the channel.

Rating **	N	Issue No.	14	GPS Lat/Long		
Issue Type +	Ма	Location *		38.250671 °		
Category	Rivers, Ch	-122.004419°				
Item	Revetments					
DWR ID	DWR ID DWR_NA0035_14_c _ 2012_14					
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Emperor Dr / Up (cont)

Rating **	Α	Issue No.	15	GPS Lat/Long	
Issue Type +	Ма	Location *		38.250738 °	
Category	Rivers, Channels & Designated Flood			-122.004355 °	
Item Encroachments					
DWR ID DWR_NA0035_14_c _ 2012_15					
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Emperor Dr / Down

Rating **	M	Issue No.	16	GPS Lat/Long	
Issue Type +	Ма	Location *		38.250738	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.004355	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_14_c _ 20	012_16		
		Action/Cor	mments		

Check Point / View

Inspector Comments: Cattails/bull rush need to be sprayed or removed at street crossing. Try to maintain 50 ft. to 100 ft. clearance.

#### Photo 1 of 1: CH\_2019\_NA0035\_14\_16\_20190819\_00039.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	17	GPS Lat/Long	
Issue Type +	Ма	Location *		38.250671	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.004419	0
Item	Shoaling /	Sedimenta	tion		
DWR ID	DWR_NA00	35_14_c _ 2	012_17		
		Action/Cor	mments		

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type Ma : Mainte

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Emperor Dr / Down (cont)** Rating \* Issue No. 18 GPS Lat/Long Location \* Issue Type + Ma 38.250671 ° Category Rivers, Channels & Designated Flood -122.004418 ° Item Erosion / Bank Caving DWR ID DWR\_NA0035\_14\_c \_ 2012\_18 Action/Comments Inspector Comments: No erosion encroaching into the channel.

Rating \*\* Issue No. Ν 19 GPS Lat/Long Issue Type + Ma Location \* 38.250671 ° Category Rivers, Channels & Designated Flood -122.004418 ° Revetments Item DWR NA0035 14 c 2012 19 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

Rating \*\* Issue No. Α 20 GPS Lat/Long Issue Type + Location \* 38.250738 Ma Category Rivers, Channels & Designated Flood -122.004355 ° Item Encroachments DWR ID DWR\_NA0035\_14\_c \_ 2017\_20 Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Pintail Ave / Up Rating \*\* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.248542 ° Category Rivers, Channels & Designated Flood -122.006378 ° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_14\_c \_ 2012\_21 Action/Comments

Inspector Comments: Minimal scattered obstruction or vegetation. The flow is not impeded.

Photo 1 of 1: CH\_2019\_NA0035\_14\_21\_20190819\_00038.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No.	22	GPS Lat/Long	
Issue Type +	Ma	Location *		38.248501 °	
Category	Rivers, Ch	-122.006345°			
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0035_14_c _ 2012_22					
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No. 23		GPS Lat/Long
Issue Type +	Ma	Location *		38.248501 °
Category	Rivers, Channels & Designated Flood			-122.006346 °
Item	m Erosion / Bank Caving			
DWR ID	DWR_NA00	35_14_c _ 2	012_23	
Action/Comments				

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Pintail Ave / Up (cont)

	1. (				
Rating **	Α	Issue No.	24	GPS Lat/Long	
Issue Type +	Ма	Location *		38.248501	0
Category	Rivers, Ch	annels & D	-122.006346	0	
Item	Revetment				
DWR ID	DWR_NA00	35_14_c _ 20	012_24		

Action/Comments

Inspector Comments: Existing riprap protecttion is properly maintained and is undamaged. Riprap clearly visible.

Rating **	A Issue No. 25		GPS Lat/Long		
Issue Type +	Ma	Location *		38.248542 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Item Encroachments				
DWR ID	DWR ID DWR_NA0035_14_c _ 2012_25				
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

#### Check Point / View

n	all Ave / D	own					
	Rating **	M	Issue No.	26	GPS Lat/Long		
	Issue Type +	Ма	Location *		38.248501	0	
	Category	Rivers, Channels & Designated Flood			-122.006346	0	
	Item	Item Vegetation & Obstructions					
	DWR ID DWR_NA0035_14_c _ 2012_26						
	Action/Comments						

Inspector Comments: Clear out grass and woody vegetation.

#### Photo 1 of 1: CH\_2019\_NA0035\_14\_26\_20190819\_00037.jpg



View of the channel looking downstream. Summer 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Pintail Ave / Down (cont) Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.248501° Category Rivers, Channels & Designated Flood -122.006345 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_14\_c \_ 2017\_27 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating **	A	Issue No.	28	GPS Lat/Long
Issue Type +	Ma	Location *		38.248500 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Erosion / Bank Caving			
DWR ID DWR_NA0035_14_c _ 2012_28				
Action/Comments				

Inspector Comments: No erosion encroaching into the channel.

No Photos

No Photos

Rating **	Α	Issue No.	29	GPS Lat/Long
Issue Type +	Ма	Location *		38.248500°
Category	Rivers, Ch	-122.006345°		
Item	Revetments			
DWR ID	DWR_NA0035_14_c _ 2012_29			
Action/Comments				

Inspector Comments: Existing riprap protecttion is properly maintained and is undamaged. Riprap clearly visible.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Pintail Ave / Down (cont)

Rating **	Α	Issue No. 30		GPS Lat/Long
Issue Type +	Ма	Location *		38.248542 °
Category	Rivers, Channels & Designated Flood			-122.006378°
Item	Encroachments			
DWR ID	DWR_NA00	35_14_c _ 20	012_30	
Action/Comments				

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Anderson Dr / Up

	-				
Rating **	Α	Issue No.	31	GPS Lat/Long	
Issue Type +	Ма	Location *		38.241537	0
Category	Rivers, Channels & Designated Flood -122.01207				0
Item	Vegetation & Obstructions				
DWR ID	R ID DWR_NA0035_14_c _ 2012_31				
		A .: /O			

Check Point / View

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_14\_31\_20190819\_00036.jpg



View of the channel looking upstream. Summer 2019.

Rating **	A Issue No. 32			GPS Lat/Long		
Issue Type +	Ma	38.241537	0			
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.0120				
Item	Shoaling / Sedimentation					
DWR ID	DWR ID DWR_NA0035_14_c _ 2012_32					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Anderson Dr / Up (cont) Rating \*\* Issue No. 33 GPS Lat/Long Issue Type + Location \* Ma 38.241537° Rivers, Channels & Designated Flood Category -122.012077° Item Erosion / Bank Caving DWR ID DWR\_NA0035\_14\_c \_ 2012\_33 Action/Comments Inspector Comments: No erosion encroaching into the channel.

No Photos

Rating **	N Issue No. 34 GF			GPS Lat/Long	
Issue Type +	Ma	38.241537 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.012077			
Item	m Revetments				
DWR ID	DWR_NA0035_14_c _ 2012_34				
Action/Comments					

No Photos

inspector	Comments:	i nis item	does not	apply to	tnis inspectio	n.

Rating **	Α	GPS Lat/Long				
Issue Type +	Ма	Location *		38.241537°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.012077				
Item	Encroachments					
DWR ID	DWR_NA0035_14_c _ 2012_35					
Action/Comments						

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present.

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Anderson Dr / Down** Rating \*\* Issue No. 36 GPS Lat/Long Issue Type + Location \* Ma 38.241537 ° Category Rivers, Channels & Designated Flood -122.012077 ° Item Vegetation & Obstructions DWR ID DWR\_NA0035\_14\_c \_ 2012\_36 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Photo 1 of 1: CH\_2019\_NA0035\_14\_36\_20190819\_00035.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	A Issue No. 37 GPS Lat/Long				
Issue Type +	Ma	Ma Location * 38.24				
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.012077°				
Item	Item Shoaling / Sedimentation					
DWR ID	DWR ID DWR_NA0035_14_c _ 2012_37					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	A Issue No. 38			GPS Lat/Long	
Issue Type +	Ma	Ma Location *		38.241537 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood -122.012077			
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0035_14_c _ 2012_38				
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
McCoy Creek	1.00	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Anderson Dr / Down (cont)** Rating \*\* Issue No. 39 GPS Lat/Long Issue Type + Location \* Ma 38.241537 ° Category Rivers, Channels & Designated Flood -122.012077 ° Item Revetments DWR ID DWR\_NA0035\_14\_c \_ 2012\_39 Action/Comments Inspector Comments: This item does not apply to this inspection.

Rating \*\* Issue No. Α 40 GPS Lat/Long Issue Type + Ma Location \* 38.241537 ° Category Rivers, Channels & Designated Flood -122.012077 Item Encroachments DWR ID DWR\_NA0035\_14\_c \_ 2012\_40 Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Flood Control Project Maintenance

# **Unit Cover Sheet**

## 2019 Channel Inspection Results

# **Fairfield Suisun Sewer District**

Channel	
Union Avenue Diversion	

Channel Rating	Α
Date of Inspection	8/16/2019
DWR Inspector	Zach Jojola
Accompanied By	

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View N. Texas St / Down Rating \*\* Issue No. 6 GPS Lat/Long Issue Type + Location \* Ma 38.280585 ° Category Rivers, Channels & Designated Flood -122.034039 ° Vegetation & Obstructions Item DWR ID DWR\_NA0035\_16\_c \_ 2012\_6 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Photo 1 of 1: CH\_2019\_NA0035\_16\_6\_20190819\_00037.jpg



View of the channel looking downstream. Summer 2019.

Rating **	Α	Issue No.	7	GPS Lat/Long			
Issue Type +	Ma	Location *		38.280585 °			
Category	Rivers, Ch	annels & D	esignated Flood	-122.034039 °			
Item	Shoaling /	Shoaling / Sedimentation					
DWR ID	DWR_ID DWR_NA0035_16_c _ 2012_7						
Action/Comments							

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	8	GPS Lat/Long	
Issue Type +	Ма	Location *	38.280585 °		
Category	Rivers, Ch	annels & D	esignated Flood	-122.034039°	
Item Erosion / Bank Caving					
DWR ID DWR_NA0035_16_c _ 2012_8					
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View N. Texas St / Down (cont)

	•	•		
Rating **	Α	Issue No.	9	GPS Lat/Long
Issue Type +	Ma	Location *		38.280585 °
Category	Rivers, Channels & Designated Flood			-122.034039°
Item	Revetment	S		
DWR ID	DWR_NA00	35_16_c _ 20	012_9	

Action/Comments

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	Α	Issue No.	10	GPS Lat/Long			
Issue Type +	Ma	Location *		38.280585 °			
Category	Rivers, Ch	annels & D	esignated Flood	-122.034039 °			
Item	Encroachn	ncroachments					
DWR ID DWR_NA0035_16_c _ 2012_10							
Action/Comments							

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

#### Check Point / View

## Camrose Ave / Up

	•				
Rating **	Α	Issue No.	11	GPS Lat/Long	
Issue Type +	Ma	Location *		38.281668	0
Category	Rivers, Ch	annels & D	-122.030495	0	
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_16_c _ 20	012_11		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded. Cactus should be removed.

#### Photo 1 of 1: CH\_2019\_NA0035\_16\_11\_20190819\_00036.jpg



View of the channel looking upstream. Summer 2019.

Page 2 of 13

\* Location

LS: Land Side

WS: Water Side

CR: Crown

Wednesday, August 21, 2019 13:22

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Mainte

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Page 3 of 13

#### Flood Control Project Maintenance Levee Inspections

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Camrose Ave / Up (cont) Rating \*\* Issue No. 12 GPS Lat/Long Issue Type + Location \* Ma 38.281544° Category Rivers, Channels & Designated Flood -122.030545 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_16\_c \_ 2012\_12 Action/Comments Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	13	GPS Lat/Long		
Issue Type +	Ma	Location *		38.281544 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item Erosion / Bank Caving						
DWR ID DWR_NA0035_16_c _ 2012_13						
Action/Comments						

No Photos

Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	14	GPS Lat/Long			
Issue Type +	Ма	Location *		38.281668 °			
Category	Rivers, Ch	annels & D	esignated Flood	-122.030495 °			
Item	Revetment	Revetments					
DWR ID	DWR_NA00	DWR_NA0035_16_c _ 2012_14					
Action/Comments							

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Camrose Ave / Up (cont)

Rating **	Α	Issue No.	15	GPS Lat/Long	
Issue Type +	Ма	Location *		38.281668	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.030495	0
Item	Encroachn				
DWR ID DWR_NA0035_16_c _ 2012_15					
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Check Point / View Camrose Ave / Down

Rating **	Α	Issue No.	16	GPS Lat/Long	
Issue Type +	Ма	Location *		38.281544	0
Category	Rivers, Ch	annels & D	esignated Flood	-122.030543	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	35_16_c _ 20	012_16		
		Action/Cor	mments		

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

## Photo 1 of 1: CH\_2019\_NA0035\_16\_16\_20190819\_00035.jpg



View of the channel looking downstream. Summer 2019.

Rating **	А	Issue No.	17	GPS Lat/Long		
Issue Type +	Ma	Location *		38.281545	0	
Category	Rivers, Ch	annels & D	esignated Flood	-122.030543	0	
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	WR ID DWR_NA0035_16_c _ 2012_17					
	Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View

<b>Camrose</b>	Ave	Down (	(cont)
Callilose	AVE /	DOWII	COLLE

Rating **	A	Issue No.	18	GPS Lat/Long		
Issue Type +	Ма	Location *		38.281545 °		
Category	Rivers, Ch	annels & D	-122.030544 °			
Item	Erosion / E	Erosion / Bank Caving				
DWR ID DWR_NA0035_16_c _ 2012_18						
Action/Comments						

Inspector Comments: No erosion encroaching into the channel.

No Photos

Rating **	Α	Issue No.	19	GPS Lat/Long	
Issue Type +	Ma	Location *		38.281668 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetment	Revetments			
DWR ID	DWR_NA00	DWR_NA0035_16_c _ 2012_19			

#### Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.



View of the revetment on the right bank looking downstream. Summer 2015.

Rating **	Α	Issue No.	20	GPS Lat/Long	
Issue Type +	Ма	Location *		38.281668 °	
Category	Rivers, Ch	annels & D	-122.030495 °		
Item	Encroachn	croachments			
DWR ID	DWR_NA00	DWR_NA0035_16_c _ 2012_20			

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Mainte

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Dover Ave / Up** Rating \*\* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.280990 ° Category Rivers, Channels & Designated Flood -122.024750 ° Vegetation & Obstructions Item DWR ID DWR\_NA0035\_16\_c \_ 2012\_21 Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

Photo 1 of 1 : CH\_2019\_NA0035\_16\_21\_20190819\_00034.jpg



View of the channel looking upstream. Summer 2019.

Rating **	Α	Issue No.	22	GPS Lat/Long		
Issue Type +	Ma	Location *		38.280946 °		
Category	Rivers, Ch	annels & D	-122.025034 °			
Item	Shoaling /	shoaling / Sedimentation				
DWR ID	NR ID DWR_NA0035_16_c _ 2012_22					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	23	GPS Lat/Long	
Issue Type +	Ма	Location *		38.280945 °	
Category	Rivers, Ch	annels & D	-122.025035 °		
Item	Item Erosion / Bank Caving				
DWR ID DWR_NA0035_16_c _ 2012_23					
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Dover Ave / Up (cont)**

	The state of the s						
Rating **	Α	Issue No.	24	GPS Lat/Long			
Issue Type +	Ма	Location *		38.280990	0		
Category	Rivers, Ch	annels & D	esignated Flood	-122.024750	0		
Item	Revetment	Revetments					
DWR ID	DWR_NA0035_16_c _ 2012_24						

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	Α	Issue No.	25	GPS Lat/Long		
Issue Type +	Ma	Location *		38.280990 °		
Category	Rivers, Ch	annels & D	esignated Flood	-122.024750 °		
Item	Encroachn	Encroachments				
DWR ID DWR_NA0035_16_c _ 2012_25						
Action/Comments						

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

#### Check Point / View

DOV	/er Ave / D	own				
	Rating **	Α	Issue No.	26	GPS Lat/Long	
	Issue Type +	Ма	Location *		38.280946	0
	Category	Rivers, Ch	annels & D	esignated Flood	-122.025034	0
	Item	Vegetation	& Obstruc	tions		
	DWR ID	DWR NA00	35 16 c 2	012 26		

## Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_16\_26\_20190819\_00033.jpg



View of the channel looking downstream. Summer 2019.

Location LS: Land Side WS: Water Side

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View **Dover Ave / Down (cont)** Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.280947° Category Rivers, Channels & Designated Flood -122.025034 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_16\_c \_ 2012\_27 Action/Comments Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	28	GPS Lat/Long	
Issue Type +	Ma	Location *		38.280947 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA0035_16_c _ 2012_28				
Action/Comments					

Inspector Comments: No erosion encroaching into the channel.

No Photos

Rating **	Α	Issue No.	29	GPS Lat/Long
Issue Type +	Ma	Location *		38.280990 °
Category	Rivers, Ch	-122.024750 °		
Item	Revetment	ts		

No Photos

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

DWR\_NA0035\_16\_c \_ 2012\_29

\* Location LS : Land Side WS : Water Side CR : Crown

DWR ID

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Dover Ave / Down (cont)

	•			
Rating **	Α	Issue No. 30		GPS Lat/Long
Issue Type +	Ma	Location *		38.280990°
Category	Rivers, Channels & Designated Flood			-122.024750 °
Item	Encroachments			
DWR ID	DWR_NA0035_16_c _ 2012_30			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

# Gulf Dr / Up

Rating **	Α	Issue No.	31	GPS Lat/Long			
Issue Type +	Ма	Location *		38.281002	0		
Category	Rivers, Ch	annels & D	esignated Flood	-122.020570	0		
Item Vegetation & Obstructions							
DWR ID DWR_NA0035_16_c _ 2012_31							
A = 11 = = 10 = = = = = 1 =							

Check Point / View

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_16\_31\_20190819\_00032.jpg



View of the channel looking upstream. Summer 2019.

Rating **	А	Issue No.	32	GPS Lat/Long	
Issue Type +	Ma	Location *	38.280937	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0035_16_c _ 2012_32				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location LS : Land Side WS : Water Side \* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Mainte

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Gulf Dr / Up (cont) Rating ' Issue No. 33 GPS Lat/Long Issue Type + Location \* Ma 38.280937 ° Category Rivers, Channels & Designated Flood -122.020628 ° Item Erosion / Bank Caving DWR ID DWR\_NA0035\_16\_c \_ 2012\_33 Action/Comments Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	34	GPS Lat/Long	
Issue Type +	Ma Location *			38.281002°	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetment	Revetments			
DWR ID	DWR_NA0035_16_c _ 2012_34				
Action/Comments					

No Photos

No Photos

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

Rating **	A	Issue No.	35	GPS Lat/Long	
Issue Type +	Ma	Location *		38.281002 °	
Category	Rivers, Ch	-122.020570 °			
Item	Encroachments				
DWR ID	DWR_NA0035_16_c _ 2012_35				
Action/Comments					

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Gulf Dr / Up (cont) Rating \* Issue No. 41 GPS Lat/Long Location \* Issue Type + Ma 38.281002 ° Category Rivers, Channels & Designated Flood -122.020570 ° Item Concrete Surfaces DWR ID DWR\_NA0035\_16\_c \_ 2017\_41 Action/Comments

Inspector Comments: Concrete surface appears to be in good condition with no visible deficiencies.

#### Photo 1 of 1: CH\_2019\_NA0035\_16\_41\_20190801\_00029.jpg



View of concrete surface on left bank, looking upstream. Summer 2017.

#### 

Issue Type + Ma Location \* 38.280937 °

Category Rivers, Channels & Designated Flood -122.020629 °

Item Vegetation & Obstructions

DWR ID DWR\_NA0035\_16\_c \_ 2012\_36

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2019\_NA0035\_16\_36\_20190819\_00031.jpg



View of the channel looking downstream. Summer 2019.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected 4/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2019**

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

#### Check Point / View Gulf Dr / Down (cont) Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma 38.280938 ° Category Rivers, Channels & Designated Flood -122.020629 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0035\_16\_c \_ 2012\_37 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 38 GPS Lat/Long Issue Type + Ма Location \* 38.280938 ° Category Rivers, Channels & Designated Flood -122.020629 ° Item Erosion / Bank Caving DWR NA0035 16 c 2012 38 DWR ID Action/Comments

Inspector Comments: No erosion encroaching into the channel.

Rating **	Α	Issue No.	39	GPS Lat/Long
Issue Type +	Ма	Location *		38.281002 °
Category	Rivers, Channels & Designated Flood -122.020570			
Item Revetments				
DWR ID DWR_NA0035_16_c _ 2012_39				
Action/Comments				

Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.

No Photos

No Photos

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

# Levee Inspection Report By Mile - Channel 2019

## **Fairfield Suisun Sewer District**

Channel	Channel Length	Inspection Start/End	Inspector
Union Avenue Diversion	0.75	08/16/2019 08/16/2019	Zach Jojola

# Check Point / View Gulf Dr / Down (cont)

Rating **	Α	Issue No.	40	GPS Lat/Long
Issue Type +	Ma	Location *		38.281002 °
Category	Rivers, Channels & Designated Flood -122.020570			
Item	Encroachments			
DWR ID	DWR_NA0035_16_c _ 2012_40			

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

Rating **	Α	Issue No.	42	GPS Lat/Long
Issue Type +	Ма	Location *		38.281002 °
Category	Rivers, Channels & Designated Flood -122.020570			-122.020570 °
Item	Concrete Surfaces			
DWR ID	DWR_NA0035_16_c _ 2017_42			

#### Action/Comments

Inspector Comments: Concrete surface appears to be in good condition with no visible deficiencies.

## Photo 1 of 1 : CH\_2019\_NA0035\_16\_42\_20190801\_00030.jpg



View of concrete surface on right bank, looking downstream. Summer 2017.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence